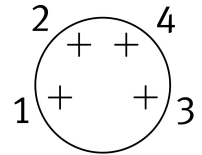


**Distributor**  
**NEDY-L2R1-V1-M12G5-U-M8G4-2.5R**  
Part number: 8032307

**FESTO**



**Data sheet**

| Feature  | Value   |
|--|---|
| Based on norm                                  | EN 61076-2-101<br>EN 61076-2-104  |
| Explosion prevention and protection            | Observe the information on the certificate<br>Zone 2 (ATEX)<br>Zone 22 (ATEX) |
| Structural design                              | Y-distributor with cable on controller side                                   |
| Distributor type                               | 2 to 1  |
| Cable designation                              | With label holder   |
| Type of mounting                               | With through-hole for M2 screw<br>With accessories                            |
| Product weight                                 | 90 g  |
| Electrical connection 1, function              | Control side  |
| Electrical connection 1, design                | Round   |
| Electrical connection 1, connection type       | Plug  |
| Electrical connection 1, cable outlet          | Straight  |
| Electrical connection 1, connection technology | M8x1 A-coded as per EN 61076-2-104  |
| Electrical connection 1, number of pins/wires  | 4   |
| Electrical connection 1, occupied pins/wires   | 4   |
| Electrical connection 2, function              | Field device end  |
| Electrical connection 2, design                | Round   |
| Electrical connection 2, connection type       | 2x socket   |
| Electrical connection 2, cable outlet          | Straight  |
| Electrical connection 2, connection technology | M12x1 A-coded as per EN 61076-2-101   |
| Electrical connection 2, number of pins/wires  | 5   |
| Electrical connection 2, occupied pins/wires   | 4   |
| DC operating voltage range                     | 0 V...30 V  |
| Operating voltage range AC                     | 0 V...30 V  |
| Current rating at 40° C                        | 3 A   |
| Surge resistance                               | 0.8 kV  |
| Cable length 1                                 | 2.5 m   |
| Cable characteristic                           | Suitable for energy chains/robot applications                                 |

| Feature  | Value  |
|--|--|
| Connector cable test conditions                      | Flexural strength: as per Festo standard<br>Test conditions on request<br>Torsionsfestigkeit: > 300 000 Zyklen, ±270°/0,1 m<br>Energy chain > 5 million cycles, bending radius 28 mm |
| Bending radius 1, flexible cable installation        | 46 mm  |
| Cable diameter 1                                     | 4.5 mm   |
| Nominal conductor cross section                      | 0.25 mm <sup>2</sup>   |
| Degree of protection                                 | IP65<br>IP68<br>IP69K  |
| Ambient temperature                                  | -25 °C...80 °C   |
| Note on ambient temperature                          | -10 - 40 °C when mounted via through-hole  |
| Ambient temperature with flexible cable installation | -20 °C...80 °C   |
| Storage temperature                                  | -25 °C...80 °C   |
| CE marking (see declaration of conformity)           | As per EU RoHS directive   |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions  |
| LABS (PWIS) conformity                               | VDMA24364-B2-L   |
| Note on materials                                    | RoHS-compliant<br>Halogen-free<br>Free of phosphoric acid ester  |
| Contamination level                                  | 3  |
| Corrosion resistance class (CRC)                     | 2 - Moderate corrosion stress  |
| Material of cable sheath                             | TPE-U(PUR)   |
| Color cable sheath                                   | Gray   |
| Housing material                                     | TPE-U(PUR)   |
| Housing colour                                       | Black  |
| Material of union nut                                | Brass, nickel-plated   |
| Seals material                                       | NBR  |
| Material of pin contacts                             | Copper alloy, gold-plated  |
| Threaded sleeve material                             | Brass, nickel-plated   |